

| L Number | Hits | Search Text | DB | Time stamp |
|----------|--------|---|--------------------|------------------|
| 2 | 544947 | interfac\$3 | USPAT; EPO; JPO | 2004/02/23 15:01 |
| 3 | 390254 | ic or integrat\$2 adj circuit\$3 | USPAT; EPO; JPO | 2004/02/23 15:02 |
| 4 | 1644 | program\$5 near3 resistor | USPAT; EPO; JPO | 2004/02/23 15:02 |
| 5 | 162263 | transformer | USPAT; EPO; JPO | 2004/02/23 15:03 |
| 6 | 181056 | impedance | USPAT; EPO; JPO | 2004/02/23 15:03 |
| 7 | 382 | interfac\$3 and (ic or integrat\$2 adj circuit\$3) and (program\$5 near3 resistor) | USPAT; EPO; JPO | 2004/02/23 15:03 |
| 8 | 62 | transformer and impedance and (interfac\$3 and (ic or integrat\$2 adj circuit\$3) and (program\$5 near3 resistor)) | USPAT; EPO; JPO | 2004/02/23 15:04 |
| 9 | 523 | "t1" and "e1" and "j1" | USPAT; EPO; JPO | 2004/02/23 15:15 |
| 11 | 104498 | "t1" | USPAT; EPO; JPO | 2004/02/23 15:05 |
| 13 | 6 | (transformer and impedance and (interfac\$3 and (ic or integrat\$2 adj circuit\$3) and (program\$5 near3 resistor))) and "t1" | USPAT; EPO; JPO | 2004/02/23 15:10 |
| 14 | 336311 | resistor | USPAT; EPO; JPO | 2004/02/23 15:11 |
| 15 | 51504 | transformer and resistor | USPAT; EPO; JPO | 2004/02/23 15:11 |
| 16 | 293 | (program\$5 near3 resistor) and (transformer and resistor) | USPAT; EPO; JPO | 2004/02/23 15:11 |
| 17 | 170 | impedance and ((program\$5 near3 resistor) and (transformer and resistor)) | USPAT; EPO; JPO | 2004/02/23 15:11 |
| 18 | 37 | "t1" and (impedance and ((program\$5 near3 resistor) and (transformer and resistor))) | USPAT; EPO; JPO | 2004/02/23 15:11 |
| 19 | 2 | (program\$5 near3 resistor) and ("t1" and "e1" and "j1") | USPAT; EPO; JPO | 2004/02/23 15:16 |
| 20 | 894 | (ic or integrat\$2 adj circuit\$3) and (program\$5 near3 resistor) | USPAT; EPO; JPO | 2004/02/23 15:16 |
| 21 | 163 | transformer and ((ic or integrat\$2 adj circuit\$3) and (program\$5 near3 resistor)) | USPAT; EPO; JPO | 2004/02/23 15:16 |
| 22 | 163 | resistor and (transformer and ((ic or integrat\$2 adj circuit\$3) and (program\$5 near3 resistor))) | USPAT; EPO; JPO | 2004/02/23 15:16 |
| 23 | 108 | impedance and (resistor and (transformer and ((ic or integrat\$2 adj circuit\$3) and (program\$5 near3 resistor)))) | USPAT; EPO; JPO | 2004/02/23 15:20 |
| 24 | 96422 | tip and ring | USPAT; EPO; JPO | 2004/02/23 15:20 |
| 25 | 2039 | transformer and resistor and (tip and ring) | USPAT; EPO; JPO | 2004/02/23 15:21 |
| 26 | 31 | (program\$5 near3 resistor) and (transformer and resistor and (tip and ring)) | USPAT; EPO; JPO | 2004/02/23 15:21 |
| 27 | 38783 | transceiver | USPAT; EPO; JPO | 2004/02/23 15:21 |
| 28 | 2 | ((program\$5 near3 resistor) and (transformer and resistor and (tip and ring))) and transceiver | USPAT; EPO; JPO | 2004/02/23 15:26 |
| 29 | 325 | 379/399.01.ccls. | USPAT; EPO; JPO | 2004/02/23 15:32 |
| 30 | 10 | (program\$5 near3 resistor) and transformer and transceiver | USPAT; EPO; JPO | 2004/02/23 15:31 |
| 32 | 107 | (ic or integrat\$2 adj circuit\$3) with (program\$5 near3 resistor) | USPAT; EPO; JPO | 2004/02/23 15:32 |
| 33 | 107 | resistor and ((ic or integrat\$2 adj circuit\$3) with (program\$5 near3 resistor)) | USPAT; EPO; JPO | 2004/02/23 15:34 |
| 37 | 1 | (resistor and ((ic or integrat\$2 adj circuit\$3) with (program\$5 near3 resistor))) and transceiver | USPAT; EPO; JPO | 2004/02/23 15:34 |
| 38 | 6 | (resistor and ((ic or integrat\$2 adj circuit\$3) with (program\$5 near3 resistor))) and (tip and ring) | USPAT; EPO; JPO | 2004/02/23 16:00 |

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|----|---------|--|--------------------|------------------|
| 39 | 8334 | line adj2 impedance | USPAT; EPO; JPO | 2004/02/23 16:52 |
| 40 | 1528518 | parallel | USPAT; EPO; JPO | 2004/02/23 16:01 |
| 41 | 5145 | (line adj2 impedance) and parallel | USPAT; EPO; JPO | 2004/02/23 16:01 |
| 42 | 2859 | ((line adj2 impedance) and parallel) and resistor | USPAT; EPO; JPO | 2004/02/23 16:01 |
| 43 | 35 | 379/399.01.ccls. and (((line adj2 impedance) and parallel) and resistor) | USPAT; EPO; JPO | 2004/02/23 16:05 |
| 44 | 0 | ((ic or integrat\$2 adj circuit\$3) with (program\$5 near3 resistor)) and (379/399.01.ccls. and (((line adj2 impedance) and parallel) and resistor)) | USPAT; EPO; JPO | 2004/02/23 16:05 |
| 45 | 19 | (ic or integrat\$2 adj circuit\$3) and (379/399.01.ccls. and (((line adj2 impedance) and parallel) and resistor)) | USPAT; EPO; JPO | 2004/02/23 16:27 |
| 46 | 9 | ("4795898" "5121080" "5541990" "5602912" "5655009" "5734703" "5856758" "5999597" "6208732").PN. | USPAT | 2004/02/23 16:12 |
| 47 | 894 | (ic or integrat\$2 adj circuit\$3) and (program\$5 near3 resistor) | USPAT; EPO; JPO | 2004/02/23 16:28 |
| 48 | 28 | ((line adj2 impedance) and parallel) and ((ic or integrat\$2 adj circuit\$3) and (program\$5 near3 resistor)) | USPAT; EPO; JPO | 2004/02/23 16:47 |
| 51 | 43370 | 375/\$.ccls. | USPAT; EPO; JPO | 2004/02/23 16:48 |
| 52 | 19 | (program\$5 near3 resistor) and 375/\$.ccls. | USPAT; EPO; JPO | 2004/02/23 16:48 |
| 53 | 3787 | adjust\$4 adj2 impedance | USPAT; EPO; JPO | 2004/02/23 16:54 |
| 54 | 1 | ((ic or integrat\$2 adj circuit\$3) with (program\$5 near3 resistor)) and (adjust\$4 adj2 impedance) | USPAT; EPO; JPO | 2004/02/23 16:54 |
| 55 | 20 | (program\$5 near3 resistor) and (adjust\$4 adj2 impedance) | USPAT; EPO; JPO | 2004/02/23 16:54 |
| 35 | 91 | 379/413.02.ccls. | USPAT; EPO; JPO | 2004/02/23 17:07 |
| 56 | 50 | 379/399.01.ccls. and (line adj2 impedance) | USPAT; EPO; JPO | 2004/02/23 17:21 |
| 57 | 110 | level adj one.as. | USPAT; EPO; JPO | 2004/02/23 17:22 |
| 58 | 6 | (line adj2 impedance) and (level adj one.as.) | USPAT; EPO; JPO | 2004/02/23 17:21 |
| 59 | 29 | (level adj one.as.) and resistor | USPAT; EPO; JPO | 2004/02/23 17:25 |
| 60 | 79 | parallel and ((ic or integrat\$2 adj circuit\$3) with (program\$5 near3 resistor)) | USPAT; EPO; JPO | 2004/02/23 17:25 |

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| 2 | 544947 | interfac\$3 | USPAT; EPO; JPO | 2004/02/23 15:01 |
| 3 | 390254 | ic or integrat\$2 adj circuit\$3 | USPAT; EPO; JPO | 2004/02/23 15:02 |
| 4 | 1644 | program\$5 near3 resistor | USPAT; EPO; JPO | 2004/02/23 15:02 |
| 5 | 162263 | transformer | USPAT; EPO; JPO | 2004/02/23 15:03 |
| 6 | 181056 | impedance | USPAT; EPO; JPO | 2004/02/23 15:03 |
| 7 | 382 | interfac\$3 and (ic or integrat\$2 adj circuit\$3) and (program\$5 near3 resistor) | USPAT; EPO; JPO | 2004/02/23 15:03 |
| 8 | 62 | transformer and impedance and (interfac\$3 and (ic or integrat\$2 adj circuit\$3) and (program\$5 near3 resistor)) | USPAT; EPO; JPO | 2004/02/23 15:04 |
| 9 | 523 | "t1" and "e1" and "j1" | USPAT; EPO; JPO | 2004/02/23 15:15 |
| 11 | 104498 | "t1" | USPAT; EPO; JPO | 2004/02/23 15:05 |
| 13 | 6 | (transformer and impedance and (interfac\$3 and (ic or integrat\$2 adj circuit\$3) and (program\$5 near3 resistor))) and "t1" | USPAT; EPO; JPO | 2004/02/23 15:10 |
| 14 | 336311 | resistor | USPAT; EPO; JPO | 2004/02/23 15:11 |
| 15 | 51504 | transformer and resistor | USPAT; EPO; JPO | 2004/02/23 15:11 |
| 16 | 293 | (program\$5 near3 resistor) and (transformer and resistor) | USPAT; EPO; JPO | 2004/02/23 15:11 |
| 17 | 170 | impedance and ((program\$5 near3 resistor) and (transformer and resistor)) | USPAT; EPO; JPO | 2004/02/23 15:11 |
| 18 | 37 | "t1" and (impedance and ((program\$5 near3 resistor) and (transformer and resistor))) | USPAT; EPO; JPO | 2004/02/23 15:11 |
| 19 | 2 | (program\$5 near3 resistor) and ("t1" and "e1" and "j1") | USPAT; EPO; JPO | 2004/02/23 15:16 |
| 20 | 894 | (ic or integrat\$2 adj circuit\$3) and (program\$5 near3 resistor) | USPAT; EPO; JPO | 2004/02/23 15:16 |
| 21 | 163 | transformer and ((ic or integrat\$2 adj circuit\$3) and (program\$5 near3 resistor)) | USPAT; EPO; JPO | 2004/02/23 15:16 |
| 22 | 163 | resistor and (transformer and ((ic or integrat\$2 adj circuit\$3) and (program\$5 near3 resistor))) | USPAT; EPO; JPO | 2004/02/23 15:16 |
| 23 | 108 | impedance and (resistor and (transformer and ((ic or integrat\$2 adj circuit\$3) and (program\$5 near3 resistor)))) | USPAT; EPO; JPO | 2004/02/23 15:20 |
| 24 | 96422 | tip and ring | USPAT; EPO; JPO | 2004/02/23 15:20 |
| 25 | 2039 | transformer and resistor and (tip and ring) | USPAT; EPO; JPO | 2004/02/23 15:21 |
| 26 | 31 | (program\$5 near3 resistor) and (transformer and resistor and (tip and ring)) | USPAT; EPO; JPO | 2004/02/23 15:21 |
| 27 | 38783 | transceiver | USPAT; EPO; JPO | 2004/02/23 15:21 |
| 28 | 2 | ((program\$5 near3 resistor) and (transformer and resistor and (tip and ring))) and transceiver | USPAT; EPO; JPO | 2004/02/23 15:26 |
| 29 | 325 | 379/399.01.ccls. | USPAT; EPO; JPO | 2004/02/23 15:32 |
| 30 | 10 | (program\$5 near3 resistor) and transformer and transceiver | USPAT; EPO; JPO | 2004/02/23 15:31 |
| 32 | 107 | (ic or integrat\$2 adj circuit\$3) with (program\$5 near3 resistor) | USPAT; EPO; JPO | 2004/02/23 15:32 |
| 33 | 107 | resistor and ((ic or integrat\$2 adj circuit\$3) with (program\$5 near3 resistor)) | USPAT; EPO; JPO | 2004/02/23 15:34 |
| 37 | 1 | (resistor and ((ic or integrat\$2 adj circuit\$3) with (program\$5 near3 resistor))) and transceiver | USPAT; EPO; JPO | 2004/02/23 15:34 |
| 38 | 6 | (resistor and ((ic or integrat\$2 adj circuit\$3) with (program\$5 near3 resistor))) and (tip and ring) | USPAT; EPO; JPO | 2004/02/23 16:00 |

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|----|---------|--|--------------------|------------------|
| 39 | 8334 | line adj2 impedance | USPAT; EPO; JPO | 2004/02/23 16:52 |
| 40 | 1528518 | parallel | USPAT; EPO; JPO | 2004/02/23 16:01 |
| 41 | 5145 | ((line adj2 impedance) and parallel | USPAT; EPO; JPO | 2004/02/23 16:01 |
| 42 | 2859 | ((line adj2 impedance) and parallel) and resistor | USPAT; EPO; JPO | 2004/02/23 16:01 |
| 43 | 35 | 379/399.01.ccls. and (((line adj2 impedance) and parallel) and resistor) | USPAT; EPO; JPO | 2004/02/23 16:05 |
| 44 | 0 | ((ic or integrat\$2 adj circuit\$3) with (program\$5 near3 resistor)) and (379/399.01.ccls. and (((line adj2 impedance) and parallel) and resistor)) | USPAT; EPO; JPO | 2004/02/23 16:05 |
| 45 | 19 | (ic or integrat\$2 adj circuit\$3) and (379/399.01.ccls. and (((line adj2 impedance) and parallel) and resistor)) | USPAT; EPO; JPO | 2004/02/23 16:27 |
| 46 | 9 | ("4795898" "5121080" "5541990" "5602912" "5655009" "5734703" "5856758" "5999597" "6208732").PN. | USPAT | 2004/02/23 16:12 |
| 47 | 894 | (ic or integrat\$2 adj circuit\$3) and (program\$5 near3 resistor) | USPAT; EPO; JPO | 2004/02/23 16:28 |
| 48 | 28 | ((line adj2 impedance) and parallel) and ((ic or integrat\$2 adj circuit\$3) and (program\$5 near3 resistor)) | USPAT; EPO; JPO | 2004/02/23 16:47 |
| 51 | 43370 | 375/\$.ccls. | USPAT; EPO; JPO | 2004/02/23 16:48 |
| 52 | 19 | (program\$5 near3 resistor) and 375/\$.ccls. | USPAT; EPO; JPO | 2004/02/23 16:48 |
| 53 | 3787 | adjust\$4 adj2 impedance | USPAT; EPO; JPO | 2004/02/23 16:54 |
| 54 | 1 | ((ic or integrat\$2 adj circuit\$3) with (program\$5 near3 resistor)) and (adjust\$4 adj2 impedance) | USPAT; EPO; JPO | 2004/02/23 16:54 |
| 55 | 20 | (program\$5 near3 resistor) and (adjust\$4 adj2 impedance) | USPAT; EPO; JPO | 2004/02/23 16:54 |
| 35 | 91 | 379/413.02.ccls. | USPAT; EPO; JPO | 2004/02/23 17:07 |
| 56 | 50 | 379/399.01.ccls. and (line adj2 impedance) | USPAT; EPO; JPO | 2004/02/23 17:21 |
| 57 | 110 | level adj one.as. | USPAT; EPO; JPO | 2004/02/23 17:22 |
| 58 | 6 | (line adj2 impedance) and (level adj one.as.) | USPAT; EPO; JPO | 2004/02/23 17:21 |
| 59 | 29 | (level adj one.as.) and resistor | USPAT; EPO; JPO | 2004/02/23 17:25 |
| 60 | 79 | parallel and ((ic or integrat\$2 adj circuit\$3) with (program\$5 near3 resistor)) | USPAT; EPO; JPO | 2004/02/23 17:43 |
| 61 | 1 | 6665399.pn. | USPAT; EPO; JPO | 2004/02/23 18:04 |
| 62 | 4 | ("4115658" "4748637" "5856758" "6385234").PN. | USPAT | 2004/02/23 17:44 |
| 63 | 1512 | 379/93.05,93.09.ccls. | USPAT; EPO; JPO | 2004/02/23 18:04 |
| 64 | 15295 | line adj2 interface | USPAT; EPO; JPO | 2004/02/23 18:04 |
| 66 | 9 | 379/93.05,93.09.ccls. and ((line adj2 impedance) same (line adj2 interface)) | USPAT; EPO; JPO | 2004/02/23 18:08 |
| 67 | 10 | ("4841561" "5430793" "5608795" "5712977" "5802169" "6081586" "6091806" "6128373" "6282271" "6396922").PN. | USPAT | 2004/02/23 18:07 |
| 68 | 1 | (program\$5 near3 resistor) and (379/93.05,93.09.ccls. and ((line adj2 impedance) same (line adj2 interface))) | USPAT; EPO; JPO | 2004/02/23 18:42 |
| 69 | 1 | 5802169.pn. | USPAT; EPO; JPO | 2004/02/23 18:45 |
| 70 | 8 | ("5396553" "5442694" "5459440" "5479498" "5506868" "5519755" "5598467" "5623514").PN. | USPAT | 2004/02/23 18:43 |
| 71 | 1 | 6611580.pn. | USPAT; EPO; JPO | 2004/02/23 18:45 |
| 72 | 10 | ("4841561" "5430793" "5608795" "5712977" "5802169" "6081586" "6091806" "6128373" "6282271" "6396922").PN. | USPAT | 2004/02/23 18:45 |

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|----|------|---|--------------------|------------------|
| 65 | 111 | (line adj2 impedance) same (line adj2 interface) | USPAT; EPO; JPO | 2004/02/23 18:52 |
| 73 | 84 | resistor and ((line adj2 impedance) same (line adj2 interface)) | USPAT; EPO; JPO | 2004/02/23 18:52 |
| 74 | 60 | parallel and (resistor and ((line adj2 impedance) same (line adj2 interface))) | USPAT; EPO; JPO | 2004/02/23 19:11 |
| 75 | 6 | ("3558917" "4451801" "4639652" "5200708" "5862238" "5975057").PN. | USPAT | 2004/02/23 18:56 |
| 76 | 7 | ("4308559" "4634903" "4771449" "5016086" "5222136" "H001590" "6178180").PN. | USPAT | 2004/02/23 18:59 |
| 77 | 2 | ("t1" same "j1") adj line | USPAT; EPO; JPO | 2004/02/23 19:13 |
| 78 | 2084 | ("t1" or "e1" or "j1") adj line | USPAT; EPO; JPO | 2004/02/23 19:20 |
| 79 | 459 | (line adj2 impedance) and (line adj2 interface) | USPAT; EPO; JPO | 2004/02/23 19:14 |
| 80 | 17 | ((("t1" or "e1" or "j1") adj line) and ((line adj2 impedance) and (line adj2 interface))) | USPAT; EPO; JPO | 2004/02/23 19:14 |
| 81 | 7 | ("4308559" "4634903" "4771449" "5016086" "5222136" "H001590" "6178180").PN. | USPAT | 2004/02/23 19:17 |
| 82 | 1 | ("t1" same "e1" same "j1") adj line | USPAT; EPO; JPO | 2004/02/23 19:45 |
| 83 | 4 | ("t1" near "e1" near "j1") near line | USPAT; EPO; JPO | 2004/02/23 19:48 |
| 84 | 2 | ("t1" and "e1" and "j1") near line | USPAT; EPO; JPO | 2004/02/23 19:48 |
| 85 | 0 | ("t1" and "e1" and "j1") adj2 line adj interface | USPAT; EPO; JPO | 2004/02/23 19:48 |
| 86 | 0 | ("t1" near "e1" near "j1") adj2 line adj interface | USPAT; EPO; JPO | 2004/02/23 19:49 |
| 87 | 1 | "j1" adj2 line adj interface | USPAT; EPO; JPO | 2004/02/23 19:49 |
| 88 | 19 | ("t1" near "e1") adj2 line adj interface | USPAT; EPO; JPO | 2004/02/23 19:49 |

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|----------|-------|--|-------|------------------|
| 1 | 7857 | line adj interface | USPAT | 2004/02/24 11:57 |
| 2 | 13 | ((line adj interface) same ((programmable adj resistor) or varistor) | USPAT | 2004/02/24 12:19 |
| 3 | 6 | ((line adj interface) same ((programmable adj resistor) or varistor)) and parallel | USPAT | 2004/02/24 12:18 |
| 5 | 14630 | impedance adj matching | USPAT | 2004/02/24 12:10 |
| 6 | 2 | (impedance adj matching) and tran-quoc\$.xa. | USPAT | 2004/02/24 12:06 |
| 7 | 119 | tran-quoc\$.xa. | USPAT | 2004/02/24 12:06 |
| 8 | 18 | tran-quoc\$.xa. and impedance | USPAT | 2004/02/24 12:06 |
| 9 | 8 | (tran-quoc\$.xa. and impedance) and parallel | USPAT | 2004/02/24 12:06 |
| 10 | 130 | (impedance adj matching) and ((programmable adj resistor) or varistor) | USPAT | 2004/02/24 12:10 |
| 11 | 106 | ((impedance adj matching) and ((programmable adj resistor) or varistor)) and parallel | USPAT | 2004/02/24 12:10 |
| 12 | 29 | ((impedance adj matching) and ((programmable adj resistor) or varistor)) and parallel) and tip and ring | USPAT | 2004/02/24 12:10 |
| 13 | 265 | (impedance adj matching) near5 parallel | USPAT | 2004/02/24 12:19 |
| 14 | 0 | ((impedance adj matching) near5 parallel) same ((programmable adj resistor) or varistor) | USPAT | 2004/02/24 12:19 |
| 15 | 1 | ((impedance adj matching) near5 parallel) and ((programmable adj resistor) or varistor) | USPAT | 2004/02/24 12:19 |
| 16 | 52 | ((impedance adj matching) near5 parallel) same resistor | USPAT | 2004/02/24 12:20 |
| 17 | 1 | (line adj interface) and (((impedance adj matching) near5 parallel) same resistor) | USPAT | 2004/02/24 12:19 |
| 18 | 119 | ((impedance adj matching) near5 parallel) and resistor | USPAT | 2004/02/24 12:21 |
| 19 | 52 | ((impedance adj matching) near5 parallel) same resistor) | USPAT | 2004/02/24 12:22 |